

WATAB3.001APC



1756
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : SUWA, et al.
Appl. No. : 10/529,623
Filed : March 30, 2005
For : TONER FOR
ELECTROPHOTOGRAPHY AND
METHOD FOR FORMING
IMAGE USING THE SAME
Examiner : Unknown
Art Unit No. : 1756

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Office of Initial Patent Examination, Customer Service Center, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

October 26, 2005

(Date)

Katsuhiro Arai, Reg. No. 43,315

REQUEST FOR CORRECTED FILING RECEIPT

Office of Initial Patent Examination
Customer Service Center
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants noticed an omission on the second applicant's name in the filing receipt mailed on August 18, 2005. Please add **Toru Nakamura, Chiba, JAPAN** as the second applicant name and address and issue a corrected official filing receipt to reflect the true applicants' names. Please charge any fees for this request to our deposit Account No. 11-1410 if necessary.

Enclosed in support of this Request are the following:

- (X) A copy of the Official Filing Receipt mailed on August 18, 2005.
- (X) A copy of the Declaration and Power of Attorney.
- (X) A copy of the International Publication (face sheet only).

Appl. No. : 10/529,623
Filed : March 30, 2005

(X) Return Postcard.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 26, 2004

By: 

Katsuhiro Arai
Registration No. 43,315
Attorney of Record
Customer No. 20,995
(949) 760-0404

2017993
102405

WATAB3.001APC MK

PER/KOA



COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/529,623	03/30/2005	1756	1660	WATAB3.001APC	1	16	4

CONFIRMATION NO. 1966

20995
 KNOBBE MARTENS OLSON & BEAR LLP
 2040 MAIN STREET
 FOURTEENTH FLOOR
 IRVINE, CA 92614

FILING RECEIPT



OC000000016788771

Date Mailed: 08/18/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Yoshihito Suwa, Shizuoka, JAPAN;

Toru Nakamura, Chiba, JAPAN → please add.

Power of Attorney: The patent practitioners associated with Customer Number 20995.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/11875 09/18/2003

Foreign Applications

JAPAN 2002-286510 09/30/2002

Projected Publication Date: 11/24/2005

Non-Publication Request: No

Early Publication Request: No

Title

Toner for electrophotography and method for forming image using the same

Preliminary Class

430

COPY

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject

COPY

matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



COPY

DECLARATION AND POWER OF ATTORNEY- USA PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **TONER FOR ELECTROPHOTOGRAPHY AND METHOD FOR FORMING IMAGE USING THE SAME**; PCT Application No. PCT/JP2003/011875 filed in the Japanese Receiving Office on September 18, 2003; the documentation for entry into the U.S. national phase of which is attached hereto;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

No.: 2002-286510

Country: Japan

Date Filed: 09/30/02

Priority
Claimed
Yes

POWER OF ATTORNEY: I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, California 92614, Telephone (949) 760-0404, Customer No. 20,995.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Yoshihito SUWA**

Inventor's signature Yoshihito Suwa

Date March 15, 2005

00
COPY

Page 2

Attorney's Docket No. WATAB3.001APC

Residence: **3-1, Mochimunetomoe-cho, Shizuoka-shi, Shizuoka 421-0192 Japan**

Citizenship: **Japan**

Mailing Address: **Same As Above**

Full name of second inventor: **Toru NAKAMURA**

Inventor's signature *Toru Nakamura*

Date March 15, 2005

Residence: **13-201, Tsukushino 3-chome, Abiko-shi, Chiba 270-1164 Japan**

Citizenship: **Japan**

Mailing Address: **Same As Above**

Send Correspondence To:
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

H:\DOCS\KOA\KOA-7456.DOC
021405

(19) 世界知的所有権機関
国際事務局



(43) 国際公開日
2004 年 4 月 15 日 (15.04.2004)

PCT

(10) 国際公開番号
WO 2004/031864 A1

(51) 国際特許分類⁷: G03G 9/087, 9/097, 9/09, 15/20, 15/08

(21) 国際出願番号: PCT/JP2003/011875

(22) 国際出願日: 2003 年 9 月 18 日 (18.09.2003)

(25) 国際出願の言語: 日本語

(26) 国際公開の言語: 日本語

(30) 優先権データ:
特願2002-286510 2002 年 9 月 30 日 (30.09.2002) JP

(71) 出願人 (米国を除く全ての指定国について): 株式会社 巴川製紙所 (TOMOEGAWA PAPER CO., LTD.) [JP/JP]; 〒104-8335 東京都中央区京橋一丁目5番15号 Tokyo (JP). ティコナ・ゲゼルシャフト・ミット・ベシュレンクテル・ハフツング (TICONA GMBH) [DE/DE]; D-65451 ケルスターバッハ プロフェッサー-シュタウディンガー-シュトラッセ Kelsterbach (DE).

(72) 発明者; および

(75) 発明者/出願人 (米国についてのみ): 諏訪 義仁

(SUWA, Yoshihito) [JP/JP]; 〒421-0192 静岡県静岡市用宗巴町3番1号 株式会社 巴川製紙所 化成品事業部内 Shizuoka (JP). 中村 徹 (NAKAMURA, Toru) [JP/JP]; 〒270-1164 千葉県我孫子市つくし野三丁目13-201 @shiba@jp

(74) 代理人: 渡部 剛 (WATANABE, Takeshi); 〒101-0054 東京都千代田区神田錦町1丁目1番地6 神田錦町ビル6階 渡部特許事務所 Tokyo (JP).

(81) 指定国 (国内): CA, CN, KR, US.

(84) 指定国 (広域): ヨーロッパ特許 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

添付公開書類:
— 国際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: TONER FOR ELECTROPHOTOGRAPHY AND METHOD FOR FORMING IMAGE USING THE SAME

(54) 発明の名称: 電子写真用トナーおよびそれを使用した画像形成方法

(57) Abstract: A toner for electrophotography for use in a method for forming an image using a heating and pressing fixation device equipped with a fixing member having a polybenzimidazole-containing surface layer, characterized in that it comprises a cycloolefin copolymer resin as a binding resin. The cycloolefin copolymer resin preferably is a mixture containing 0 to 75 wt % of a low molecular weight polymer having a weight average molecular weight less than 15,000, 5 to 25 wt % of a middle molecular weight polymer having a weight average molecular weight of 15,000 to 100,000, and 25 to 95 wt % of a high molecular weight polymer having a weight average molecular weight more than 100,000.

(57) 要約: ポリベンズイミダゾール含有表層を有する定着部材を備えた加熱圧着式定着機を用いる画像形成方法に使用するための電子写真用トナーであって、結着樹脂として少なくともシクロオレフィン共重合体樹脂を含有することを特徴とする。シクロオレフィン共重合体樹脂として、重量平均分子量15000~100000未満の低分子量体0~75重量%、重量平均分子量15000~100000の中分子量体5~25重量%、および重量平均分子量100000を超える高分子量体20~95重量%の混合物よりなるものが用いられる。

WO 2004/031864 A1